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DOCKET NO.: 4744

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE MATTER OF THE APPLICATION FOR PATENT

OF: Carsten PUSCHMANN et al.

| ART UNIT: 3662

SERIAL NO.: 10/526,424

| CONF. NO.: 3362

FILED: March 1, 2005

FOR: DEVICE FOR WARNING OF DIFFERENTIAL PRESSURE DURING THE  
OPENING OF A PRESSURIZED CLOSING DEVICE PERTAINING TO AN  
OPENING IN THE FUSELAGE OF AN AEROPLANE

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

January 17, 2006

INFORMATION DISCLOSURE STATEMENT WITH CERTIFICATE OF MAILING

Dear Sir:

- 1) Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98 applicants enclose a Second Form PTO-1449, and a copy of reference AC cited thereon.
- 2) This Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits, according to the available status information. Thus, in accordance with 37 C.F.R. 1.97(b)(3), no fee is due.
- 3) Reference AB is in English and requires no discussion.
- 4) Reference AC (DE 2 113 406) discloses a lockable closure arrangement of a pressure chamber equipped with a pressure warning arrangement, such as diver pressure chambers,

decompression chambers, or the like. The locking components are coupled to a shut-off valve arranged in the gas line of the pressure warning arrangement in such a manner that the shut-off valve is closed in the locking position of the locking components, and is opened in the unlocked position of the locking components. The shut-off valve may especially be a stop cock or chick valve, or alternatively a ball cock. The door (1) is pivotally mounted via a hinge arrangement (3, 4) and is also pivotable or rotatable about a pivot stub (2), to selectively engage or disengage a bayonet-type latching arrangement including bayonet flanges (15) and recesses (14) around the perimeter of the door (1). In order to unlock the door, a handwheel (8) is rotated, so that a widened wing (7a) of the handwheel shaft aligns with a slot (6). With such alignment, the door (1) may be partially rotated so as to disengage the bayonet-type latch arrangement. Simultaneously, rotating the handwheel (8) operates a ball cock (12) via a linkage (10), so as to open the ball cock (12) to allow a pressure compensation between the inside of the pressure chamber and the outside surrounding air. Thereby, air flows through a bore (2a) of the pivot stub (2), whereby an audible noise arises and serves as a warning. Thereby it is ensured that a pressure compensation is carried out before the door is unlocked to allow it to be unlatched and opened.

- 5) The Examiner is requested to consider all references of record, return an initialed copy of the enclosed Form PTO-1449 and ensure that all references of record are printed on any patent issuing from this application.

- 6) Favorable consideration and allowance of claims 1 to 3 and 20 to 35 are respectfully requested.

Respectfully submitted,  
Carsten PUSCHMANN et al.  
Applicant

WFF:ks/4744  
Enclosures:  
postcard,  
Second Form PTO-1449,  
1 reference

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CERTIFICATE OF MAILING:

I hereby certify that this correspondence with all indicated enclosures is being deposited with the U. S. Postal Service with sufficient postage as first-class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Karin Smith - January 17, 2006  
Name: Karin Smith - Date: January 17, 2006

**Sheet 1 of 1**  
**SECOND IDS LIST OF**  
**REFERENCES CITED BY**  
**APPLICANT**

**(FORM PTO-1449)**

**DATED:** January 17, 2006

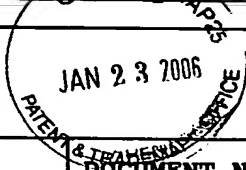
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**Applicant:** Carsten PUSCHMANN et al.

**U.S. Filing Date:**  
 March 1, 2005

**Art Unit:**



**U. S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | DOCUMENT NO. | DATE    | NAME    | Cl. | Sub-<br>Cl. | Fil.<br>Date |
|----------------------|--------------|---------|---------|-----|-------------|--------------|
| AB                   | 4,552,326    | 11/1985 | Bokalot | -   | -           | -            |

**FOREIGN PATENT DOCUMENTS**

| DOCUMENT NO. | DATE    | COUNTRY | Cl. | Sub-<br>Cl. | English |
|--------------|---------|---------|-----|-------------|---------|
| AC 2 113 406 | 09/1972 | Germany | -   | -           | no      |

**OTHER DOCUMENTS**

|                             |                        |
|-----------------------------|------------------------|
| <b>EXAMINER'S SIGNATURE</b> | <b>DATE CONSIDERED</b> |
| <br><br>                    | <br><br>               |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.